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## RAW SEQUENCE LISTING

DATE: 10/16/2002

PATENT APPLICATION: US/09/288,719B

TIME: 15:31:09

Input Set : A:\Kontermann.txt

Output Set: N:\CRF4\10162002\I288719B.raw

3 <110> APPLICANT: KONTERMANN, Roland  
 4 SEDLACEK, Hans-Herald  
 5 MUELLER, Rolf  
 7 <120> TITLE OF INVENTION: SINGLE-CHAIN MULTIPLE ANTIGEN-BINDING MOLECULE, ITS  
 PREPARATION AND USE  
 9 <130> FILE REFERENCE: 38005-0121  
 11 <140> CURRENT APPLICATION NUMBER: US 09/288,719B  
 12 <141> CURRENT FILING DATE: 1999-04-09  
 14 <150> PRIOR APPLICATION NUMBER: DE 198 27 239.1  
 15 <151> PRIOR FILING DATE: 1998-06-18  
 17 <150> PRIOR APPLICATION NUMBER: DE 198 16 141.7  
 18 <151> PRIOR FILING DATE: 1998-04-09  
 20 <160> NUMBER OF SEQ ID NOS: 40  
 22 <170> SOFTWARE: PatentIn version 3.1  
 24 <210> SEQ ID NO: 1  
 25 <211> LENGTH: 5  
 26 <212> TYPE: PRT  
 27 <213> ORGANISM: Artificial Sequence  
 29 <220> FEATURE:  
 30 <223> OTHER INFORMATION: Synthetic peptide  
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 35 1 5  
 38 <210> SEQ ID NO: 2  
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 40 <212> TYPE: PRT  
 41 <213> ORGANISM: Artificial Sequence  
 43 <220> FEATURE:  
 44 <223> OTHER INFORMATION: Synthetic peptide  
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 49 1 5 10  
 52 <210> SEQ ID NO: 3  
 53 <211> LENGTH: 15  
 54 <212> TYPE: PRT  
 55 <213> ORGANISM: Artificial Sequence  
 57 <220> FEATURE:  
 58 <223> OTHER INFORMATION: Synthetic peptide  
 60 <400> SEQUENCE: 3  
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 63 1 5 10 15  
 66 <210> SEQ ID NO: 4  
 67 <211> LENGTH: 26  
 68 <212> TYPE: DNA

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71 <220> FEATURE:
72 <223> OTHER INFORMATION: Synthetic nucleotide
74 <400> SEQUENCE: 4
75 ggaagcagac cacgtggtct gcttcc 26
78 <210> SEQ ID NO: 5
79 <211> LENGTH: 68
80 <212> TYPE: DNA
81 <213> ORGANISM: Artificial Sequence
83 <220> FEATURE:
84 <223> OTHER INFORMATION: Synthetic nucleotide
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87 agcagggtgtt gggaggcagc aggtgttggg aggcagcagg tgttgggagg cagcagggtg 60
89 tgggaggc 68
92 <210> SEQ ID NO: 6
93 <211> LENGTH: 41
94 <212> TYPE: DNA
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: Synthetic nucleotide
100 <400> SEQUENCE: 6
101 ggccgatggg cagatagagg gggccgatgg gcagatagag g 41
104 <210> SEQ ID NO: 7
105 <211> LENGTH: 26
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: Synthetic nucleotide
112 <400> SEQUENCE: 7
113 ggaagcagac cacgtggtct gcttcc 26
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117 <211> LENGTH: 11
118 <212> TYPE: PRT
119 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Synthetic peptide
124 <400> SEQUENCE: 8
126 Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn
127 1 5 10
130 <210> SEQ ID NO: 9
131 <211> LENGTH: 6
132 <212> TYPE: PRT
133 <213> ORGANISM: Artificial Sequence
135 <220> FEATURE:
136 <223> OTHER INFORMATION: Synthetic peptide
138 <400> SEQUENCE: 9
140 His His His His His His
141 1 5
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146 <212> TYPE: DNA
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149 <220> FEATURE:
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156 <210> SEQ ID NO: 11
157 <211> LENGTH: 59
158 <212> TYPE: DNA
159 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: Primer
164 <400> SEQUENCE: 11
165 tgcattgctag gccgcgcctc gggcggagggt ggctcacagg tgcagctggt gcaatctgg      59
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169 <211> LENGTH: 60
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171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: Primer
176 <400> SEQUENCE: 12
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181 <211> LENGTH: 32
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183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: Primer
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194 <212> TYPE: PRT
195 <213> ORGANISM: Artificial Sequence
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203 1      5
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209 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: Synthetic peptide
214 <400> SEQUENCE: 15
216 Leu Pro Phe Lys Val Val Val Ile Ser Ala Ile Ile Ala Leu Val Val
217 1      5      10      15

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220 Leu Thr Ile Ile Ser Leu Ile Ile Leu Ile Met Leu Trp Gln Lys Lys

221                   20                   25                   30

224 Pro Arg Tyr Glu Ser

225                   35

228 &lt;210&gt; SEQ ID NO: 16

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230 &lt;212&gt; TYPE: PRT

231 &lt;213&gt; ORGANISM: Artificial Sequence

233 &lt;220&gt; FEATURE:

234 &lt;223&gt; OTHER INFORMATION: Synthetic peptide

236 &lt;400&gt; SEQUENCE: 16

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239 1                   5                   10

242 &lt;210&gt; SEQ ID NO: 17

243 &lt;211&gt; LENGTH: 6

244 &lt;212&gt; TYPE: DNA

245 &lt;213&gt; ORGANISM: Artificial Sequence

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248 &lt;223&gt; OTHER INFORMATION: Synthetic nucleotide

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251 gccacc

6

254 &lt;210&gt; SEQ ID NO: 18

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259 &lt;220&gt; FEATURE:

260 &lt;223&gt; OTHER INFORMATION: Synthetic nucleotide

262 &lt;400&gt; SEQUENCE: 18

263 gccgcc

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266 &lt;210&gt; SEQ ID NO: 19

267 &lt;211&gt; LENGTH: 4

268 &lt;212&gt; TYPE: PRT

269 &lt;213&gt; ORGANISM: Artificial Sequence

271 &lt;220&gt; FEATURE:

272 &lt;223&gt; OTHER INFORMATION: Synthetic peptide

274 &lt;400&gt; SEQUENCE: 19

276 Gly Gly Gly Ser

277 1

280 &lt;210&gt; SEQ ID NO: 20

281 &lt;211&gt; LENGTH: 20

282 &lt;212&gt; TYPE: PRT

283 &lt;213&gt; ORGANISM: Artificial Sequence

285 &lt;220&gt; FEATURE:

286 &lt;223&gt; OTHER INFORMATION: Synthetic peptide

288 &lt;400&gt; SEQUENCE: 20

290 Gly Leu Phe Glu Ala Leu Leu Glu Leu Leu Glu Ser Leu Trp Glu Leu

291 1                   5                   10                   15

294 Leu Leu Glu Ala

295                   20

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Output Set: N:\CRF4\10162002\I288719B.raw

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 303 <220> FEATURE:  
 304 <223> OTHER INFORMATION: Synthetic peptide  
 306 <400> SEQUENCE: 21  
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 309 1 5 10 15  
 312 Glu Ala Leu Ala Glu Ala Leu Ala Ala Ala Gly Cys  
 313 20 25  
 316 <210> SEQ ID NO: 22  
 317 <211> LENGTH: 19  
 318 <212> TYPE: PRT  
 319 <213> ORGANISM: Artificial Sequence  
 321 <220> FEATURE:  
 322 <223> OTHER INFORMATION: Synthetic peptide  
 324 <400> SEQUENCE: 22  
 326 Phe Ala Gly Val Val Leu Ala Gly Ala Ala Leu Gly Val Ala Ala Ala  
 327 1 5 10 15  
 330 Ala Gln Ile  
 334 <210> SEQ ID NO: 23  
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 336 <212> TYPE: PRT  
 337 <213> ORGANISM: Artificial Sequence  
 339 <220> FEATURE:  
 340 <223> OTHER INFORMATION: Synthetic peptide  
 342 <400> SEQUENCE: 23  
 344 Gly Leu Phe Gly Ala Ile Ala Gly Phe Ile Glu Gly Gly Trp Trp Gly  
 345 1 5 10 15  
 348 Met Ile Asp Gly  
 349 20  
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 355 <213> ORGANISM: Artificial Sequence  
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 358 <223> OTHER INFORMATION: Synthetic peptide  
 360 <400> SEQUENCE: 24  
 362 Gly Leu Phe Gly Ala Ile Ala Gly Phe Ile Glu Asn Gly Trp Glu Gly  
 363 1 5 10 15  
 366 Met Ile Asp Gly Gly Leu Phe Gly Ala Ile Ala Gly Phe Ile Glu Asn  
 367 20 25 30  
 370 Gly Trp Glu Gly Met Ile Asp Gly  
 371 35 40  
 374 <210> SEQ ID NO: 25  
 375 <211> LENGTH: 11  
 376 <212> TYPE: PRT  
 377 <213> ORGANISM: Artificial Sequence

VERIFICATION SUMMARY

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